

WHAT IS CLAIMED IS:

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1. An arbitration method of a bus bridge
which interfaces a primary-side bus with a plurality of
secondary side buses, the primary-side bus being a local
bus in a system and the secondary-side buses being
10 external buses connected to the system, the bus bridge
supporting a plurality of kinds of operations one of
which is an operation related to a serial bus in
accordance with IEEE1394, the arbitration method
comprising the step of giving an access right equally to
15 each of the secondary-side buses, when access demands to
the primary-side bus are lodged from more than two of
the secondary-side buses at the same time, by not giving
a priority to any one of the secondary-side buses.

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2. The arbitration method as claimed in claim
1, wherein one of the secondary-side buses is the serial
bus in accordance with IEEE1394, and the rest of the
25 secondary-side buses are card buses.

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maintaining the access right given to the serial bus in accordance with IEEE1394 when an access demand is lodged from the secondary-side buses other than the serial bus in accordance with IEEE1394.

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4. ~~The arbitration method as claimed in claim~~
2, wherein the secondary-side buses include a plurality
15 of card buses, and the arbitration method comprising the
steps of:

performing an arbitration between the serial bus in accordance with IEEE1394 and the card buses when access demands are lodged from the serial bus in accordance with IEEE1394 and the card buses; and

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